

PROJECT TITLE

**Meadowbrook Estates Phase 1**

CALCULATED BY  
**SHW**

APPROVED BY  
**JRS**

LOCATION

**Town of New Windsor**

REF DRAWING(S)

**Meadowbrook Estates Rev 20**

Description	Quantity Required	Unit	Unit Price	Total Price
<b>Roadway and Parking Lot</b>				
Clear and Grade ROW	159,601	SF	\$0.80	\$127,680.80
Erosion Control	33	LOTS	\$3,200.00	\$105,600.00
<b>Town Roadway</b>				
Roadway Subbase (12" Course) *	16,913	SY	\$14.00	\$236,782.00
Asphalt Pavement (1.5" top)	13,413	SY	\$9.00	\$120,717.00
Asphalt Pavement (3.5" course)	13,413	SY	\$20.00	\$268,260.00
Roadway ROW Topsoil (6") & Seeding	8,748	SY	\$13.00	\$113,724.00
Street Signs (Traffic Control)	6	EA	\$225.00	\$1,350.00
Street ID	5	EA	\$250.00	\$1,250.00
Belgian Block Curbing	8,002	LF	\$25.00	\$200,050.00
Concrete Sidewalk (5' Wide)	3,789	LF	\$43.00	\$162,927.00
<b>Drainage</b>				
Catch Basin	22	EA	\$3,500.00	\$77,000.00
Stormwater Manhole	6	EA	\$3,600.00	\$21,600.00
Stormwater Pipe (HDPE - 12")	116	LF	\$50.00	\$5,800.00
Stormwater Pipe (HDPE - 15")	1,183	LF	\$55.00	\$65,065.00
Stormwater Pipe (HDPE - 24")	365	LF	\$75.00	\$27,375.00
Stormwater Pipe (HDPE - 36")	582	LF	\$105.00	\$61,110.00
Stormwater Pipe (HDPE - 48")	80	LF	\$200.00	\$16,000.00
End Section (HDPE)	12	EA	\$600.00	\$7,200.00
Concrete Headwall	1	EA	\$6,100.00	\$6,100.00
<b>Detention Ponds</b>				
Pond 1	6,116	CY	\$15.00	\$91,740.00
Pond 2	832	CY	\$15.00	\$12,480.00
Pond 5	4,821	CY	\$15.00	\$72,315.00
Pond 5A	2,977	CY	\$15.00	\$44,655.00
Pond 6	1,688	CY	\$15.00	\$25,320.00
Pond 7	973	CY	\$15.00	\$14,595.00
<b>Water</b>				
Watermain (DI - 8")	3,459	LF	\$75.00	\$259,425.00
Gate Valve (8")	13	EA	\$1,500.00	\$19,500.00
Watermain (DI - 10")	1,554	LF	\$85.00	\$132,090.00
Gate Valve (10")	6	EA	\$2,300.00	\$13,800.00
Hydrant Assembly	9	EA	\$3,300.00	\$29,700.00
House service (w/out licensed plumber)	33	EA	\$1,400.00	\$46,200.00

<b>ENGINEERING</b> <b>PROPERTIES, PC</b>		<b>COST ESTIMATE</b> <b>WORKSHEET</b>		
110 Orange Ave. Walden, NY 12586		WO. NO. <b>104.04</b>	DATE <b>04/30/08</b>	REVISED 
PROJECT TITLE <b>Meadowbrook Estates Phase 1</b>		LOCATION <b>Town of New Windsor</b>		
CALCULATED BY <b>SHW</b>	APPROVED BY <b>JRS</b>	REF DRAWING(S) <b>Meadowbrook Estates Rev 20</b>		
Description	Quantity Required	Unit	Unit Price	Total Price
Tapping Sleeve and Valve (12")	1	EA	\$5,600.00	\$5,600.00
Tapping Sleeve and Valve (2")	1	EA	\$3,500.00	\$3,500.00
<b>Sewer</b>				
Sewer Main (PVC - 8")	4,015	LF	\$68.00	\$273,020.00
Sewer Manholes	19	EA	\$4,000.00	\$76,000.00
House service	33	EA	\$1,300.00	\$42,900.00
Pump Station	1	EA		\$375,000.00
* Includes Subbase for Phase 2				
<b>SUB TOTAL</b>			<b>\$3,163,430.80</b>	

ENGINEERING PROPERTIES, PC		COST ESTIMATE WORKSHEET		
110 Orange Ave. Walden, NY 12586		WO. NO. 104.04	DATE 04/30/08	REVISED SHEET 3 OF 7
PROJECT TITLE Meadowbrook Estates Phase 2		LOCATION Town of New Windsor		
CALCULATED BY SHW		APPROVED BY JRS		REF DRAWING(S) Meadowbrook Estates Rev 20
Description	Quantity Required	Unit	Unit Price	Total Price
<b>Roadway and Parking Lot</b>				
Clear and Grade ROW	331,900	SF	\$0.80	\$265,520.00
Erosion Control	37	LOTS	\$3,200.00	\$118,400.00
<b>State Roadway</b>				
Roadway Subbase (8" Course)	2,900	SY	\$8.25	\$23,925.00
Roadway Subbase (12" Course)	2,900	SY	\$12.50	\$36,250.00
Asphalt Pavement (1.5" top)	2,900	SY	\$7.00	\$20,300.00
Asphalt Pavement (2.5" top)	2,900	SY	\$8.50	\$24,650.00
<b>Town Roadway</b>				
Roadway Subbase (12" Course)	22,043	SY	\$14.00	\$308,602.00
Asphalt Pavement (1.5" top)	22,043	SY	\$9.00	\$198,387.00
Asphalt Pavement (3.5" course)	22,043	SY	\$20.00	\$440,860.00
Roadway ROW Topsoil (6") & Seeding	13,212	SY	\$13.00	\$171,756.00
Street Signs (Traffic Control)	8	EA	\$225.00	\$1,800.00
Street ID	10	EA	\$250.00	\$2,500.00
Concrete Curbing (9" NYSDOT)	278	LF	\$30.00	\$8,340.00
Belgian Block Curbing	12,996	LF	\$25.00	\$324,900.00
Concrete Sidewalk (5' Wide)	4,132	LF	\$43.00	\$177,676.00
Guide Rail (Box Beam)	1,662	LF	\$70.00	\$116,340.00
End Section (Box Beam, Type 1, 9' taper)	7	EA	\$600.00	\$4,200.00
End Section (Box Beam, Type 2, 18' taper)	7	EA	\$1,200.00	\$8,400.00
<b>Drainage</b>				
Catch Basin	44	EA	\$3,500.00	\$154,000.00
Stormwater Manhole	7	EA	\$3,600.00	\$25,200.00
Stormwater Pipe (CMP - 15" coated)	700	LF	\$65.00	\$45,500.00
Stormwater Pipe (HDPE - 15")	2,008	LF	\$55.00	\$110,440.00
Stormwater Pipe (HDPE - 18")	1,015	LF	\$68.00	\$69,020.00
Stormwater Pipe (HDPE - 24")	594	LF	\$75.00	\$44,550.00
Stormwater Pipe (HDPE - 30")	521	LF	\$90.00	\$46,890.00
End Section (HDPE)	14	EA	\$600.00	\$8,400.00
Non-lined Drainage Channel	1,409	LF	\$12.00	\$16,908.00
<b>Water</b>				
Watermain (DI - 8")	5,120	LF	\$75.00	\$384,000.00
Gate Valve (8")	14	EA	\$1,500.00	\$21,000.00
Hydrant Assembly	12	EA	\$3,300.00	\$39,600.00

<b>ENGINEERING</b> <b>PROPERTIES, PC</b>		<b>COST ESTIMATE</b> <b>WORKSHEET</b>		
110 Orange Ave. Walden, NY 12586		WO. NO. <b>104.04</b>	DATE <b>04/30/08</b>	REVISED 
PROJECT TITLE <b>Meadowbrook Estates Phase 2</b>		LOCATION <b>Town of New Windsor</b>		
CALCULATED BY <b>SHW</b>	APPROVED BY <b>JRS</b>	REF DRAWING(S) <b>Meadowbrook Estates Rev 20</b>		
Description	Quantity Required	Unit	Unit Price	Total Price
House service (w/out licensed plumber)	37	EA	\$1,400.00	\$51,800.00
<b>Sewer</b>				
Sewer Main (PVC - 8")	4,441	LF	\$68.00	\$301,988.00
Sewer Manholes	28	EA	\$4,000.00	\$112,000.00
House service	37	EA	\$1,300.00	\$48,100.00
			<b>SUB TOTAL</b>	<b>\$3,732,202.00</b>

ENGINEERING PROPERTIES, PC		COST ESTIMATE WORKSHEET		
110 Orange Ave. Walden, NY 12586		WO. NO. <b>104.04</b>	DATE <b>04/30/08</b>	REVISED  SHEET <b>5 OF 7</b>
PROJECT TITLE <b>Meadowbrook Estates Phase 3</b>		LOCATION <b>Town of New Windsor</b>		
CALCULATED BY <b>SHW</b>		APPROVED BY <b>JRS</b>		REF DRAWING(S) <b>Meadowbrook Estates Rev 20</b>
Description	Quantity Required	Unit	Unit Price	Total Price
<b>Roadway and Parking Lot</b>				
Clear and Grade ROW	130,499	SF	\$0.80	\$104,399.20
Erosion Control	20	LOTS	\$3,200.00	\$64,000.00
<b>Town Roadway</b>				
Roadway Subbase (12" Course)	5,936	SY	\$14.00	\$83,104.00
Asphalt Pavement (1.5" top)	5,936	SY	\$9.00	\$53,424.00
Asphalt Pavement (3.5" course)	5,936	SY	\$20.00	\$118,720.00
Roadway ROW Topsoil (6") & Seeding	4,280	SY	\$13.00	\$55,640.00
Street Signs (Traffic Control)	2	EA	\$225.00	\$450.00
Street ID	2	EA	\$250.00	\$500.00
Belgian Block Curbing	3,604	LF	\$25.00	\$90,100.00
Concrete Sidewalk (5' Wide)	2,744	LF	\$43.00	\$117,992.00
<b>Drainage</b>				
Catch Basin	14	EA	\$3,500.00	\$49,000.00
Stormwater Manhole	2	EA	\$3,600.00	\$7,200.00
Stormwater Pipe (HDPE - 15")	626	LF	\$55.00	\$34,430.00
Stormwater Pipe (HDPE - 18")	24	LF	\$68.00	\$1,632.00
Stormwater Pipe (HDPE - 24")	556	LF	\$75.00	\$41,700.00
Stormwater Pipe (HDPE - 30")	476	LF	\$90.00	\$42,840.00
End Section (HDPE)	4	EA	\$600.00	\$2,400.00
Detention Ponds				
Pond 3	953	CY	\$15.00	\$14,295.00
Pond 4	1,604	CY	\$15.00	\$24,060.00
<b>Water</b>				
Watermain (DI - 8")	1,827	LF	\$75.00	\$137,025.00
Gate Valve (8")	6	EA	\$1,500.00	\$9,000.00
Hydrant Assembly	4	EA	\$3,300.00	\$13,200.00
House service (w/out licensed plumber)	20	EA	\$1,400.00	\$28,000.00
<b>Sewer</b>				
Sewer Main (PVC - 8")	1,710	LF	\$68.00	\$116,280.00
Sewer Manholes	7	EA	\$4,000.00	\$28,000.00
House service	20	EA	\$1,300.00	\$26,000.00
<b>Miscellaneous Items</b>				
Jackson Avenue Improvements	1	EA	\$125,000.00	\$125,000.00

<b>ENGINEERING</b> <b>PROPERTIES, PC</b>		<b>COST ESTIMATE</b> <b>WORKSHEET</b>		
110 Orange Ave. Walden, NY 12586		WO. NO. <b>104.04</b>	DATE <b>04/30/08</b>	REVISED SHEET 6 OF 7
PROJECT TITLE <b>Meadowbrook Estates Phase 3</b>			LOCATION <b>Town of New Windsor</b>	
CALCULATED BY <b>SHW</b>		APPROVED BY <b>JRS</b>		REF DRAWING(S) <b>Meadowbrook Estates Rev 20</b>
Description	Quantity Required	Unit	Unit Price	Total Price
			<b>SUB TOTAL</b>	<b>\$1,388,391.20</b>

# ENGINEERING PROPERTIES, PC

110 Orange Ave.  
Walden, NY 12586

## COST ESTIMATE WORKSHEET

WO. NO.  
**104.04**

DATE  
**04/30/08**

REVISED

SHEET 7 OF 7

PROJECT TITLE

**Meadowbrook Estates Sub-Total**

LOCATION

**Town of New Windsor**

CALCULATED BY

**SHW**

APPROVED BY

**JRS**

REF DRAWING(S)

**Meadowbrook Estates Rev 20**

**Phase 1-4 Sub-Totals:**

Phase 1

\$3,163,431.00

Phase 2

\$3,732,202.00

Phase 3

\$1,388,391.00

**TOTAL**

**\$8,284,024.00**